



- ◆ Specification ----- meet to MIL-C-17
- ◆ Continuous working voltage ----- Max. 1900Vrms
- ◆ Operating temperature range ----- -30°C ~ 80°C

Construction

Item	Material	Diameter	Remark
Center conductor	SPC	0.92mm (0.036inch)	Solid
Dielectric	PTFE	2.98mm (0.117inch)	Solid
Braid	TC	3.58mm (0.141inch)	100% Coverage
Jacket	PVC	4.58mm (0.180inch)	clear color

TC : Tin Soaked on Tin plated Copper Braid

Electrical Data

Item	Specification	Remark
Operating frequency	Max. 20 GHz	
Dielectric resistance	Min. 1000 MΩ.km	at 20°C
Test voltage	5000Vrms	1 min
Velocity of propagation	Nom. 69.5 %	
Capacitance	Max. 29.9 pF/ft	
Characteristic impedance	50 ± 2 Ω	
Approx. weight	45.0 kg/km	
Max. attenuation	8.0dB/100ft (0.26dB/m)	at 500MHz
	12.0dB/100ft (0.39dB/m)	at 1GHz
	21.0dB/100ft (0.69dB/m)	at 3GHz
	29.0dB/100ft (0.95dB/m)	at 5GHz
	45.0dB/100ft (1.48dB/m)	at 10GHz
	70.0dB/100ft (2.30dB/m)	at 20GHz